

**Work Order ID 51709**

Page 1

August 28, 2009 8:19:35 AM

Item ID: D3015-5

Accept



Setup Start



Revision ID: C

Stop



Item Name: SS Nylock Nut 7/16

Start Date: 8/28/09 Start Qty: 1,000.00



Cust Item ID:

Required Date: 8/31/09 Req'd Qty: 1,000.00



Customer:

**Reference:**

Approvals: Process Plan: CL

Date: 09/08/09 Tooling:

Date:

Run Start



QC:

Date: SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
D3015	Rev C								
100		0.00							
PURCHASING									
Purchasing	Memo	0.00							
Purchasing	Issue P/O:	10291							
	Description:	SS locknut with nylon insert							
	Possible Supplier:	Acklands P/N: PFS LNNC716S1							
	Material release note required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
Packaging	Memo	0.00							
Packaging	Ensure Material Release Note is attached								
120	QC6- Inspect dimensions to drawing	0.00							
QC	Memo	0.00							
Quality Control									

→ S09102101

cautus

(1200)

f

CL 09/08/09 200

PL 9/8/09 200

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Work Order ID 51709



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Customer:

## Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



## Sequence ID/ Work Center ID

130



Packaging

Packaging

## Operation Description

Identify as per dwg &amp; Stock Location

## Set Up/ Run Hours

0.00

## Draw Number

## Draw Rev.

## Plan Code

## Accept Qty

## Reject Qty

## Reject Number

## Insp. Stamp

140



QC

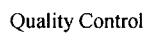
Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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NOTE: Date & initial all entries

# Picklist Print

Page 1

August 28, 2009 8:19:35 AM

Work Order ID: 51709



Parent Item: D3015-5RevC



Parent Item Name: SS Nylock Nut 7/16

Start Date: 8/28/09

Required Date: 8/31/09

Comments:

Start Qty: 1,000.00

Required Qty: 1,000.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
PFS-LNNC7/16S1		Purchased	No			110	Each	0.0000	1,000.0000			

SS Nylock Nut 7/16



mp 09-09-06

200

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

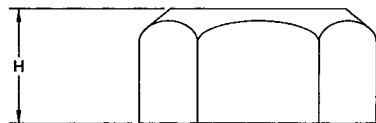
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

8 7 6 5 4 3 2 1

## SPECIFICATION CONTROL DRAWING

C 09/08/28  
W/I: S1709



### D3015-X LOCKNUT

PART NUMBER	SIZE	HEIGHT H	POSSIBLE SUPPLIER
D3015-1	1/4-20 UNC	0.31	ACKLANDS, P/N PFSLNNC14S1
D3015-3	5/16-18 UNC	0.34	ACKLANDS, P/N PFSLNNC516S1
D3015-5	7/16-14 UNC	0.46	ACKLANDS, P/N PFSLNNC716S1
D3015-7	M5	0.19	ACKLANDS, P/N FLMN021-005-0000

△C

RELEASED  
09/07/15 JAD

NOTES:  
1) MATERIAL: SS LOCKNUT WITH NYLON INSERT  
2) FINISH: N/A  
3) TOLERANCES: ALL DIMENSIONS SHOWN AS REFERENCE  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: NONE  
7) WEIGHT: N/A

C	REFORMAT DWG. -7 P/N NOW FLMN021-005-0000 WAS LNNM551 (ZN B8-1), PAR 09-020	CP	09.07.08
B	ADD D3015-7	KJ	03.07.15
A	NEW ISSUE	DS	01.05.03
REV.	DESCRIPTION		
DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>[Signature]</i>	D3015	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LOCKNUT	NTS
DATE	09.07.08	© 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

8 7 6 5 4 3 2 1

# ACKLANDS GRAINGER.

**ACKLANDS - GRAINGER INC.  
765 CAMERON ST.  
HAWKESBURY ON K6A 2B7  
(613) 632-2739**

ENV R ACKLANDS - GRAINGER INC.  
VOY EM PO BOX 2970  
EE T WINNIPEG MB R3C 4B5  
IT

**PACKING SLIP ONLY  
INVOICE TO FOLLOW**

PACKING SLIP  
1417 0393247

1

FACTUREZ B DART AEROSPACE LTD  
BILL 1270 ABERDEEN ST  
TO HAWKESBURY ON  
K6A 1K7

À T E S H DART AEROSPACE LTD  
O P E R A T I O N  
D E I C H 1270 ABERDEEN ST  
I Z E N HAWKESBURY ON  
T O K6A 1K7

NO. DU CLIENT CUST. NO.	NO DE REFERENCE DU CLIENT CUST. REF. NO.	NO. DE LICENSE PROVINCIALE P.S.T. LIC. NO.	NO. DU CONTRAT CONTRACT NO.	EXP. DIRECTE DIR. SHIP	DATE DE LA COMMANDE ORDER DATE	DATE DE LA FACTURE INVOICE DATE
1726280	10291	6122 5207		N	08/28/2009	09/01/2009

Vendeur Salesperson Q01	Termes Terms		No. de versements No. of PMTs.		M.E.P. M.B.P. 0	Date du premier versement First Payment Date 00/00/0000 15:15	App. de Crédit Credit Auth		S'applique au no. de facture Apply to invoice no.		RC/ B.O./Sub.	Copie
	*** NET 30 ***		0				App. de Crédit Credit Auth		S'applique au no. de facture Apply to invoice no.			
Ordre de commande Order No.	Code du manu. Mfg. Code	No. de pièce item no.	Prix de liste sugg. list			Quantité Commandée Quantity Ordered	Quantité Expédiée Quantity Shipped	Code de commande diff. B.O. Code	Unité de mesure de la commande Order unit of measure	Prix price		Prix extensionne extended price
Groupe de tablette BIN location	Description									Par per	Esc Dis	
C07B	PFS FW516S1 10.11 WASHER FH 18.8SS 5/16 1C/BX						1000	1000	EA	6.693 100	66.93	
C07E	PFS LNNC716S1 90.90 NUT LOCK NYLON HEX NC 7/16 18.8SS						200	200	EA	60.176 100	120.35	
C07E	PFS LNNC516S1 14.71 NUT LOCK NYLON HEX NC 5/16 18.8 SS						200	200	EA	9.738 100	19.48	
C05C	PFS CSHC516-112S1 44.01 CAPSCREW 18.8SS NC 5/16X1-1/2						500	500	EA	29.135 100	145.68	
CHANTAL LAVOIE 613-632-9577 02/08/01												
GST# 88970-1272												
Expéditeur ship via COURIER-AGI PAYS				Fac. d'exp. SHIP BY	Expédition com. SHIP COMPLETE	Port payé PPD FREIGHT	Date de livraison requise REQUESTED DELIVERY	Connaissance BILL OF LADING	Code de com. diff. B.O. Code B - B.O. COMMANDE DIFF. C - ANNULÉE CANCEL D - EXP. DIRECTE DIR. SHIP	9275 9305	T.P.S./T.V.H. G.S.T./M.S.T. TAXE PROV. PROV. TAX	17.62 0.00
102	COMMANDE COMMANDE PAR PAR AGI PAYS	VERSÉE PAID PAR PAR AGI PAYS	REÇU PAR RECEIVED BY									370.06
MONTANT TOTAL TOTAL AMOUNT												

**COPIE DU CLIENT  
CUSTOMER COPY**



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO10291**

Purchase Order Date 8/28/09  
PO Print Date 8/28/09

Page Number 1 of 2

**Order From :**

ACKLANDS - GRAINGER INC.  
P.O. BOX 2970  
WINNIPEG, MB R3C 4B5  
CA

VC-ACK001

**FAXED**  
*Oct 8/09*

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	

**Ship To :** DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	5/16-18-015C	SS Bolt 5/16-18 1.5" L	8/31/09 Yes	500.00 Each	Yours ppd	\$0.3000	\$150.00
2	5/16WC	SS Flat Washer 5/16	8/31/09 Yes	1,000.00 Each	Yours ppd	\$0.0700	\$70.00
3	PFS-LNNC7/16S1	SS Nylock Nut 7/16	8/31/09 Yes	200.00 Each	Yours ppd	\$0.6010	\$120.20
4	PFS-LNNC5/16S1	Lock Nut	8/31/09 Yes	200.00 Each	Yours ppd	\$0.3000	\$60.00

**Special Inst:** AS PER DWG D3015 REV. C  
B51709  
ACKLANDS P/N: PFS-LNNC7/16S1

**Special Inst:** AS PER DWG D3015 REV. B  
B51711  
ACKLANDS P/N: PFS-LNNC5/16S1

**CERTIFICATE OF CONFORMITY**  
**REQ'D UPON DELIVERY**

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 8/28/09